

May 12, 2006

Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station Boston, MA 02110

Re: DTE 06-22

Dear Secretary Cottrell:

On behalf of Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid, I am providing responses to all of the Department's first set of information requests except for DTE 1-3. The Company respectfully requests an additional few days, until May 17, 2006 to respond to DTE 1-3. The Company would greatly appreciate this additional time in order to fully respond to the DTE 1-3.

Thank you very much for your time and attention to this matter.

Very truly yours,

Church Calinavite
Amy G. Rabinowitz

cc: Joseph W. Rogers, Office of the Attorney General

Massachusetts Electric Company Nantucket Electric Company d/b/a National Grid 2005 Service Quality Performance Responses to Department's First Set of Information Requests

# Information Request DTE 1-1

# Request:

Please provide copies of pages 300 and 301 from the Company's FERC FORM 1 for calendar year 2005.

# Response:

Please find attached to this response the FERC Form 1 pages requested. Please note that the 2005 FERC Form 1 reports for Massachusetts Electric Company and Nantucket Electric Company have not been filed yet, so these pages should be considered a draft.

lame	of Respondent	This (1)	Report is: An Original		Date of Report (Mo, Da, Yr)		rear/Period of Report and of 2005/Q4
viass:	achusetts Electric Company	(2)	A Resubmission		11	<u> </u>	.ild of
	E	LECTF	RIC OPERATING REVEN	JES (Àc	count 400)		bu 4
lated Rep Rep or billi	following instructions generally apply to the annual version to unbilled revenues need not be reported separately as nort below operating revenues for each prescribed account number of customers, columns (f) and (g), on the basing purposes, one customer should be counted for each growth.	required it, and r is of me roup of	d in the annual version of thes noters, in addition to the number meters added. The -average	e pages, total, of flat ra number o	te accounts; except that when f customers means the avera	e sepa ge of tv	rate meter readings are added welve figures at the close of
. If in	onun, creases or decreases from previous period (columns (c),(	e), and	(g)), are not derived from pres	nousiy iel	Joiled rigules, express any mo	01000	31000 47 0 100110
ine [	Title of Acco	unt		<del></del>	Operating Revenues Yea	ar	Operating Revenues
Vo.		, and			to Date Quarterly/Annua	1	Previous year (no Quarterly) (c)
	(a)				(b)		(0)
1	Sales of Electricity (440) Residential Sales			······································	671,131	.818	523,999,657
2	(442) Commercial and Industrial Sales						
3			······································		441,282	2.781	369,775,663
4	Small (or Comm.) (See Instr. 4)		······································		100,390		102,275,288
5	Large (or Ind.) (See Instr. 4)			······································	1,298		2,561,255
	(444) Public Street and Highway Lighting			······································	.,		
7	(445) Other Sales to Public Authorities						
8							
9	(448) Interdepartmental Sales				1,214,104	1.008	998,611,863
10						3,755	745,31-1
	(447) Sales for Resale				1,214,96		999,357,174
	TOTAL Sales of Electricity				1,237,00	,,,,,,,	000,001,
	(Less) (449.1) Provision for Rate Refunds				1,214,96	7 763	999,357,174
14					1,214,30	,,,00	300,00,111
	Other Operating Revenues				2.51/	9,135	2,308,961
16	(450) Forfsited Discounts						
17	<u> </u>				163,07	7,293	100,709,211
18		·····			7.74	0.442	8,406,423
19	(454) Rent from Electric Property				1,34	9,143	0,400,420
20	<u> </u>				WA2 PT		742,714,585
21	(456) Other Electric Revenues				781,57	2,301	142,714,000
22							
23							
24							
25							646.400.460
26	TOTAL Other Operating Revenues	····			954,51		
27	TOTAL Electric Operating Revenues				2,169,48	5,635	1,918,556,360
							1
į							

Name of Respondent Massachusetts Electric Company		This Report Is: (1) An Origina (2) A Resubm		Date of F (Mo, Da,	Yr)	End of	ed of Report 2005/Q4	
		ELECTRIC OPERATIN	NG REVENUES (AC	count 400)				
i. Commercial and industrial Sales, Accorpondent if such basis of classification is a footnote.) i. See pages 108-109, important Change. For Lines 2,4,5,and 6, see Page 304 foi. Include unmetered sales. Provide details	unt 442, may be cla s not generally great s During Period, for r amounts relating t	ssified according to the baster than 1000 Kw of deman important new territory add to unbitled revenue by acco	sis of classification (Sm d. (See Account 442 of ded and important rate	nell or Comme of the Uniform	System of A	ge or Industrial) re counts. Explain b	gularly used by asis of classifi	y the ication
227-2415	(477 UAVUDE 6A	V 0	1	AVC NO	CUSTOME	RS PER MONT	4	Line
	ATT HOURS SO	is year (no Quarterly)	Current Year			evious Year (no	استحصيت سيست	No.
Year to Date Quarterly/Annual (d)	PRINCE I SOUD	(e)	i i	<b>(f)</b>	""	(g)		
33 3 3								1
9,364,026	5444. S	8,366,27			067,996		1,062,747	2
0,004,020		74:						3
	.4	5,765,10			130,765	5. 444	130,856	4
5,945,194	· · ·	<del></del>			3,948		4,268	ļ
1,330,578		1,575,61					825	ļ
34,408		42,24	12		928		DEC	7
	a daya bari daya a sa						<u> </u>	<b></b>
Secretary Control of the Control of	Mark State							8
		Bal Ba						g
16,674,206	and the second s	15,749,2	34	. 1,	203,637		1,198,696	<b></b>
11,037		11,13	35		143		146	<u> </u>
16,685,243		15,760,36	59	1,	203,780	1	1,198,842	12
								13
16,685,243		15,760,36	59	1,	203,760		1,198,842	14
Franklin Kontrol		<u>*</u>						١.
	10	· · · · · · · · · · · · · · · · · · ·		**************************************				<u> </u>
Line 12, column (b) includes \$	<b>~</b>	of unbilled revenue	es.					
Line 12, column (d) includes	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MWH relating to u	nbilled revenues			njural tertek di	•	
• •								
	•						•	
· · ·								
•								
	-							

	of Respondent ucket Electric Company	(1) (2)	Report Is: An Original A Resubmission		(Mo, Da, Yr)	* A	nd of 20	05/Q4
elated Res	following instructions generally apply to the annual versi I to unbilled revenues need not be reported separately as out below operating revenues for each prescribed account	on of the require	d in the annual version of the manufactured gas revenues	uarterly data i lese pages. in total.	in columns (c), (e), (f), and			
. Rei or billi ach n	oort number of customers, columns (f) and (g), on the baing purposes, one customer should be counted for each nonth, creases or decreases from previous period (columns (c)	sis of m proup of	eters, in addition to the num meters added. The -avera	ber of flat rati ge number of	customers means the avi	srage of t	welve figures at t	ne close of
ne	Title of Acc	ount			Operating Revenues	/ear	Operating I	Revenues
ło.				,	to Date Quarterly/Ani (b)	nual	Previous year (c	
1	Sales of Electricity			<u> </u>	taga kan ini ta			
2	(440) Residential Sales				7,3	42,440		5,862,156
3	(442) Commercial and Industrial Sales	instruction and			The state of the s	W. 101-01-01-01-0		in a second
4	Small (or Comm.) (See Instr. 4)				34	87,698		2,722,075
5	Large (or Ind.) (See Instr. 4)					33,372		285
6	(444) Public Street and Highway Lighting	****				12,944	a Santa Walina No	. 18,225
7	(445) Other Sales to Public Authorities							
8	(446) Sales to Rallroads and Rallways		······································	:				
9	(448) Interdepartmental Sales			in the telephone water				
10	TOTAL Sales to Ultimate Consumers				101	176,454		8,402,741
11	(447) Sales for Resale			######################################				
12	TOTAL Sales of Electricity	· · · · · · ·			10g	176,454		8,402,741
13	(Less) (449.1) Provision for Rate Refunds							
14	TOTAL Revenues Net of Prov. for Refunds	•			100	176,454		8,402,741
15	Other Operating Revenues	**************************************		· · · · · · · · · · · · · · · · · · ·	National Control of the Control of t	WARRAN COMMON AND	undetunnelalalesen venaleriesen	A Company of the Comp
16	(450) Forfeited Discounts			ecolor e de la companya de la compan		18,027		13,324
17	(451) Miscellaneous Service Revenues	<del>Öğlümününi</del>	diada, fanta di	<del>ista maruttuttutt</del>		111,203	A STATE OF THE PARTY OF THE PAR	1,082,274
18	(453) Sales of Water and Water Power							51 N.A 31.A.
19		-		<del>ya ayaya da a kara</del>		13,163		88,951
20		<del>ب نبدون</del> ۰ ۰ ۰ ۰		-				<del>ne lesse es écul de écul</del>
21		4. <del> </del>				099,470		8,718,679
22		<del>بر</del> بیرسید.				men a kanan Takan	Agricultura (	· ·
23				<u> </u>				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
24				<del>),</del>			f fil evention	
25	· ·							
26						239,863		9,903,228
27		6 PAC 6 1.14		<u> </u>		716 317	n ni dayana. Walan Hayar Yi	18,305,969
Æ1	LOTAL FRANCE Abstract Manual							1010001000
			in the second se		1 de	1875 8122 - 1884 - 19	rung militir in the	santi dali sana manda
30 i		311						
eriota Avan			3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · ·	4	Arabetta (j. 1865.) Arabetta (j. 1865.)		
) }		,						and the state of t
**** ******								
				•				
. ,		}			. ويوندو در المارية			
•					gg and displayed			
		1			* **			
	All and the second seco	7.5		•		ر د جان ری		
			,					
٠,		1	*			er protesta er protesta		

Name of Respondent Nantucket Electric Company		(1) (2)	Report is: An Original A Resubmisi		(Mo, Da, Yr)		End of 2005/Q4	
			RIC OPERATING					14.14
Commercial and industrial Sales, Acrespondent if such basis of classification in a footnote.)     See pages 108-109, Important Change.	is not generally greats ses During Period, for i	rthen 10 mportan	XXX Kw of demand. I new territory adder	(See Account 44) I and important re	of the Unitorin Sy	stem of Ac	e or industrial) regularly used to counts. Explain basis of classif	y the carlion
7. For Lines 2,4,5,and 6, see Page 304 8. Include unmetered sales. Provide de	for amounts relating to talks of such Sales in a	unbilled footnote	revenue by account	ts.		٠		
		4		V 4				
MEGA	WATT HOURS SOL	D	***************************************				IS PER MONTH	Line
Year to Date Quarterly/Annual	Amount Previous	year (no (e)	Quarterly)	Current Ye	ar (no Quarterly) (f)	Pro	evious Year (no Quarterly) (g)	No.
<b>(d)</b>	Interest to the state of the st	(e)						
93 161	· Market	a gara	90,545		10	,520	9,915	2
				va gerana alla la resenta termina bermana era		A.,		3
40,948	The state of the s	ļ., ļ.	42,504			,301	1,227	4
388			4			_2		5 6
<b>1</b>		14.	<b>#</b>			-4		7
								8
		4341 1531						9
83/67/		11	133,330	S. S		.826	11,146	10
								11
19/07			133,330			,626	11,146	· Princeron
								13
			133,330			,826	11,14	14
		13						
					and the second of the second o			
Line 12, column (b) includes \$	0	of t	inbilled revenues					7.
Line 12, column (d) includes		MW	/H relating to unb	illed revenues	z is gira			
					• •			
	* * * *							
							e a digital de la companya de la co	
					•			. •
*	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		ing the second of the second o					
	Angele (1975) and the second of the second o							
The state of the s								
				i di	e egi meje			
	Single Control of the							
							in the second se	
		18				(1967年) (1967年)		
		14				XX		

Massachusetts Electric Company Nantucket Electric Company d/b/a National Grid 2005 Service Quality Performance Responses to Department's First Set of Information Requests

## Information Request DTE 1-2

## Request:

Please provide a table, in an electronic EXCEL spreadsheet (formulas included), that identifies all revenue components maintained on the Company's ledger, that is, both a descriptive name and the associated annual revenues. Add as many "other" lines as appropriate. If necessary add additional columns to the table below.

Utilize the following format.

Year: 2005 Col 1 Account	#2 440	#3 442	#4 442	#5 444	#6 445	#7 446	#8 448	#9 Total
Distribution Revenue								
Transmission Revenue								
other (describe)								
Energy Supply								
Total Where the total line is equivalent to FERC FORM 1, page 300, line	2	4	5	6	7	8	9	10

## Response:

Please refer to the attachment to this response and the accompanying Excel file named "DTE 1-2 Att.xls." The maximum penalty and incentive per Section 2, Page 1 of the 2005 Service Quality Reports are based on the transmission and distribution revenues recorded by the Company, less the accruals for service quality penalties and incentives during the year.

During 2005, the amount for Massachusetts Electric Company is reflected on Page 1 of the attachment by the transmission revenue of \$164,386,738, plus the distribution revenue of \$561,442,931 (the sum of Customer Charge and Distribution Revenue), less the net accruals for service quality penalties and incentives of \$934,812, resulting in the final amount of transmission and distribution revenue of \$724,894,857.

During 2005, the amount for Nantucket Electric Company is reflected on Page 2 of the attachment by the transmission revenue of (\$1,002,646), plus the distribution revenue of \$6,941,741 (the sum of Customer Charge and Distribution Revenue), resulting in the final amount of transmission and distribution revenue of \$5,939,095.

C\Documents and Settingslaverym\Local Settings\Temporary Internet Files\OLK369\DTE 1-2 Att.xls\DTE 1-2 Mass Electric

12-May-06

National Grid D.T.E. 06-22 Attachment to DTE 1-2 Page 1 of 2

# Massachusetts Electric Company 2005 Revenue Components

Year: 2005

456 Total	\$160,315,998 \$160,315,998	\$109,192,500	\$452,250,431 \$452,250,431	\$452,250,431 \$561,442,931	\$53,174,125	\$164,386,738 \$164,386,738	\$2,519,135 \$710,668 \$7,349,143 \$4,619,134 \$4,619,134	\$1,214,967,763	
454				\$0			\$7,349,143		01000
451		\$109,192,500		\$109,192,500	\$53,174,125		\$710,668		1
450			ATTENDED TO THE PERSON OF THE	\$0			\$2,519,135		
447				80				\$863,755	
444				\$0				\$1,298,749	
442				0\$				\$100,390,660	
442			***************************************	\$0				\$441,282,781	
440				0\$				\$671,131,818	
Account	Access Revenue	Customer Charge	Distribution Revenue	Total Distribution Revenue	DSM Revenue	Transmission Revenue	Other: Forfeited Discounts Misc Service Revenues Rent from Electric Property Other Electric Revenues	Energy Supply	
	(1)	(2)	(3)	(4)	(5)	9)	(10) (10) (10)	(11)	

Company breakdown of Other Operating Revenue Line (2) + Line (3)
Company breakdown of Other Operating Revenue Company breakdown of Sales of Electricity
Line (1) + Sum of Lines (4) through (11)

<sup>(1) - (3)</sup> (4) (5) - (10) (11) (12)

12-May-06

Attachment to DTE 1-2 National Grid D.T.E. 06-22 Page 2 of 2

# Nantucket Electric Company 2005 Revenue Components

Year: 2005

	Account	440	442	442	444	450	451	454	456	Total
(1)	Access Revenue								\$888,854	\$888,854
(2)	Customer Charge						\$925,215			\$925,215
(3)	Distribution Revenue	- Limited Bridge		***************************************				**************************************	\$6,016,526	\$6,016,526
(4)	Total Distribution Revenue	80	\$0	\$0	\$0	\$0	\$925,215	\$0	\$6,016,526	\$6,941,741
(5)	DSM Revenue						\$24,448			\$24,448
(9)	Transmission Revenue								(\$1,002,646)	(\$1,002,646)
(7) (8) (9) (10)	Other: Forfeited Discounts Misc Service Revenues Rent from Electric Property Other Electric Revenues					\$16,027	\$161,540	\$13,163	\$2,196,736	\$16,027 \$161,540 \$13,163 \$2,196,736
(11)	Energy Supply	\$7,242,440	\$3,187,698	\$33,372	\$12,944					\$10,476,454
(12)	Total	\$7,242,440	\$3,187,698	\$33,372	\$12,944	\$16,027	\$1,111,203	\$13,163	\$8,099,470	\$19,716,317

Company breakdown of Other Operating Revenue Line (2) + Line (3)(1) - (3) (4) (5) - (10) (11) (12)

Company breakdown of Other Operating Revenue Company breakdown of Sales of Electricity Line (1) + Sum of Lines (4) through (11)

Massachusetts Electric Company Nantucket Electric Company d/b/a National Grid 2005 Service Quality Performance Responses to Department's First Set of Information Requests

## Information Request DTE 1-4

## Request:

Refer to Exh. MECo-1, Section 2 at 1. For SAIDI and SAIFI, provide the penalty amounts that would have resulted had IEEE 1366 been employed, as opposed to the traditional measures of SAIDI and SAIFI used by the Company.

## Response:

Per Section 2, Page 1 of the 2005 Service Quality Report for Massachusetts Electric Company, the Company incurred the maximum penalty of \$3,262,027 for both SAIDI and SAIFI during 2005.

If IEEE 1366 had been employed during 2005, the following minimum and maximum penalty triggers would have been in effect. Also included in the following table is the actual performance for 2005 using IEEE 1366.

IEEE Triggers:	SAIDI	SAIFI
Minimum Penalty	112.24	1.397
Maximum Penalty	130.82	1.524
Actual Performance	141.74	1.491

Using the information in the above table, the Company would have incurred the maximum penalty of \$3,262,027 for SAIDI, and a penalty of approximately \$2,414,414 for SAIFI, using linear interpolation to calculate the penalty for simplicity:

(1.491-1.397) / (1.524-1.397) times \$3,262,027